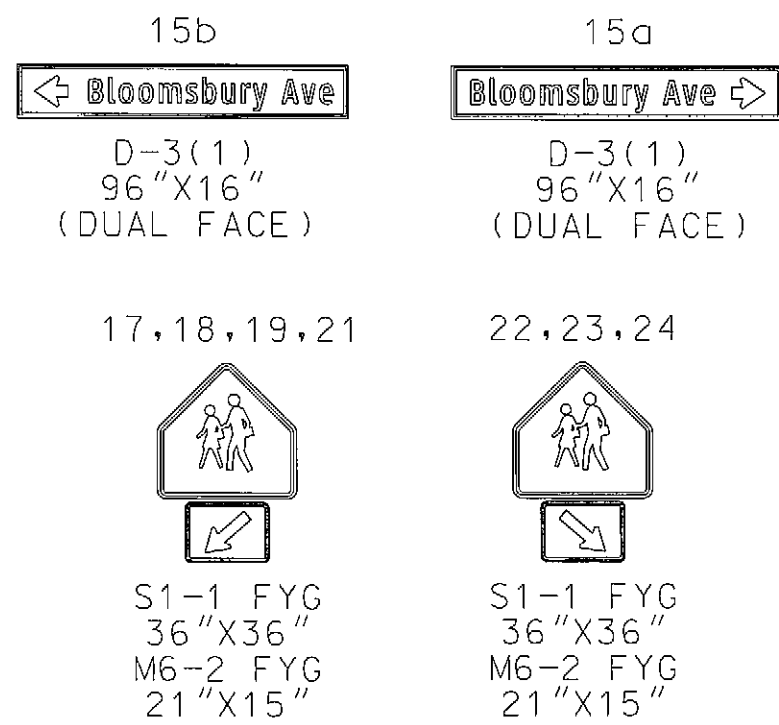
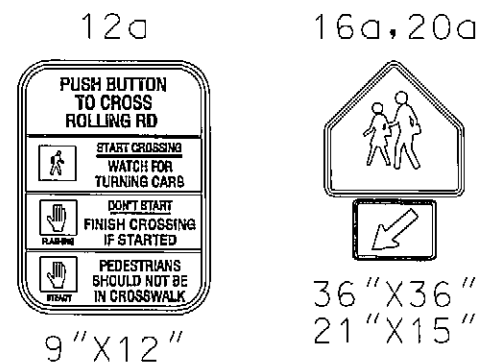


MD 166 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

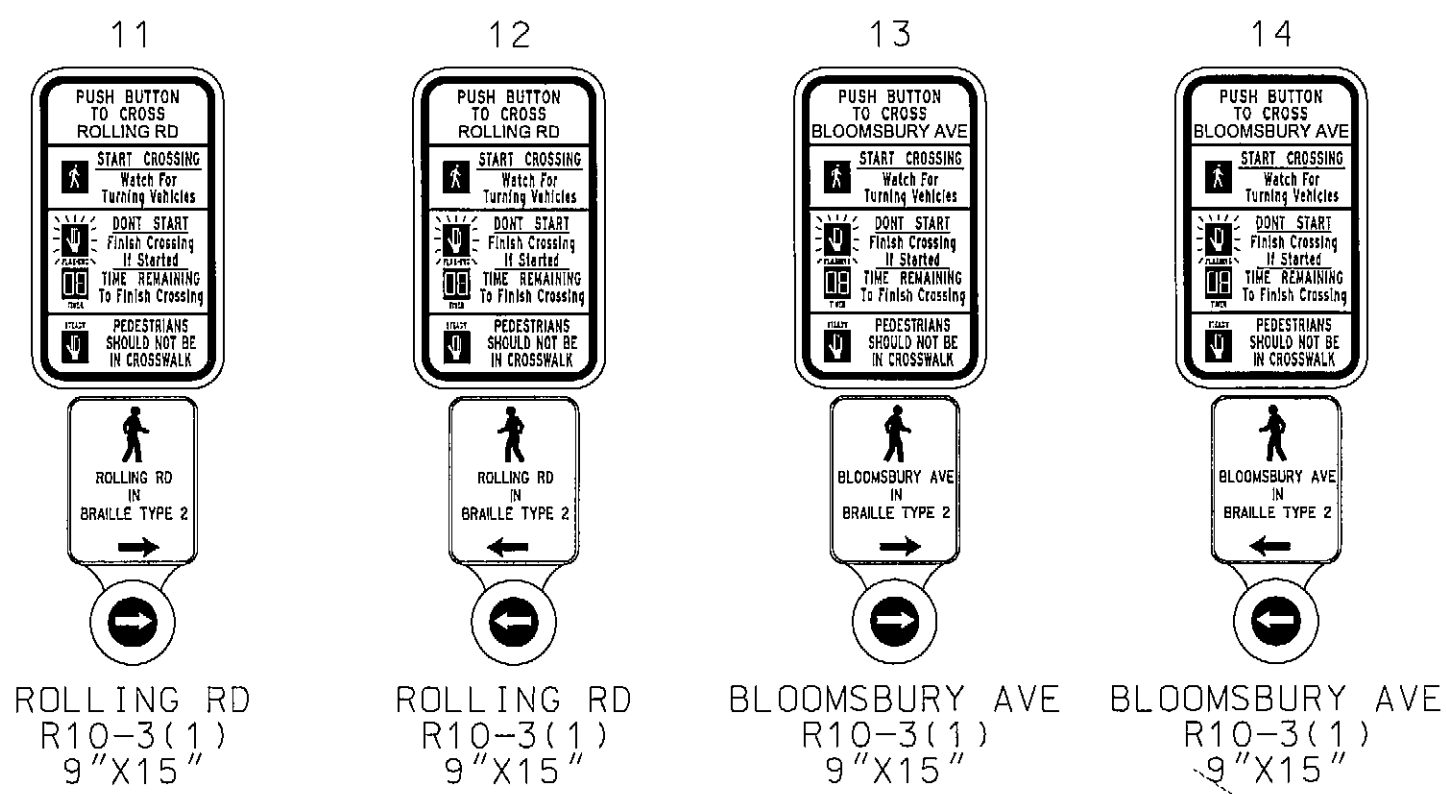
EXISTING SIGNS TO REMAIN



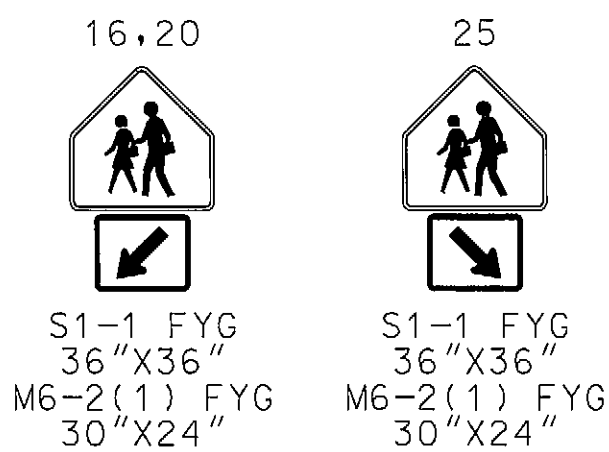
EXISTING SIGNS TO BE REMOVED



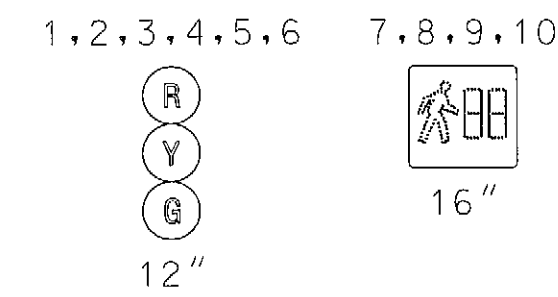
PROPOSED ACCESSIBLE PEDESTRIAN  
PUSHBUTTONS AND SIGNS



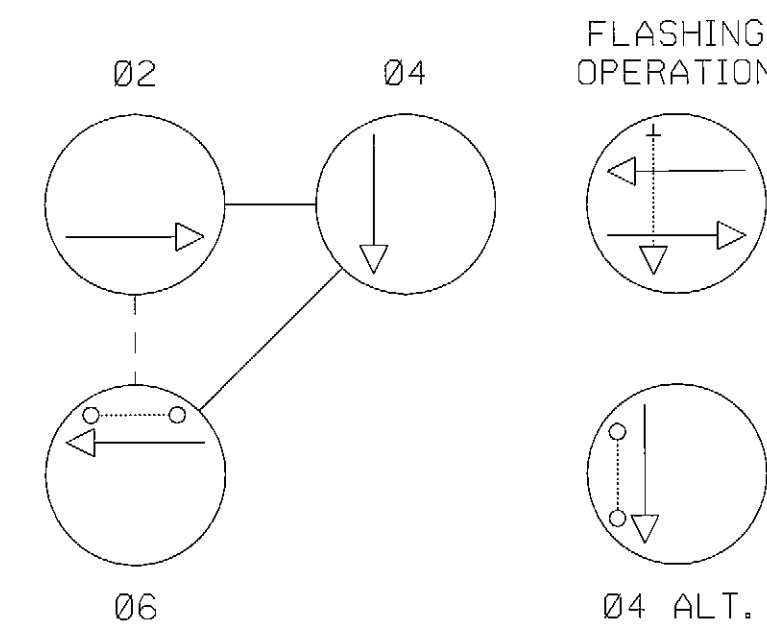
PROPOSED SIGNS



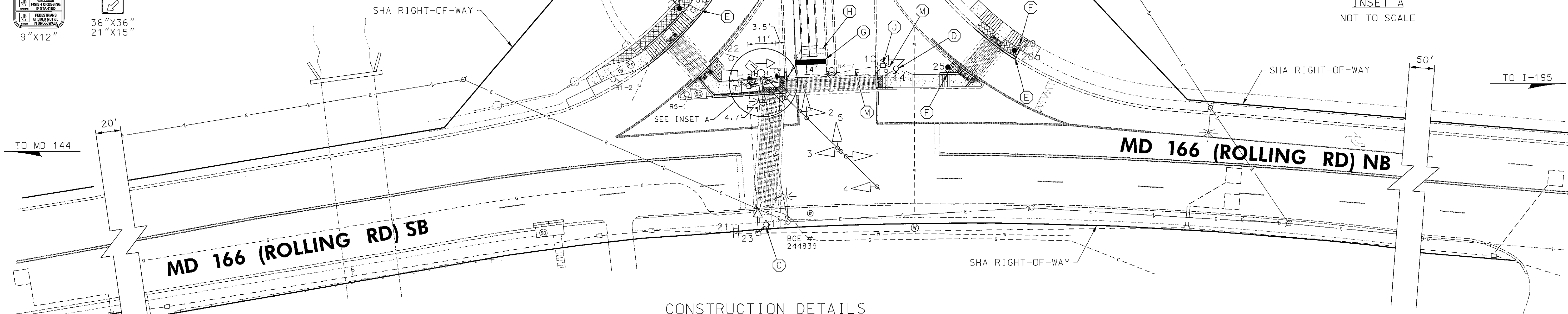
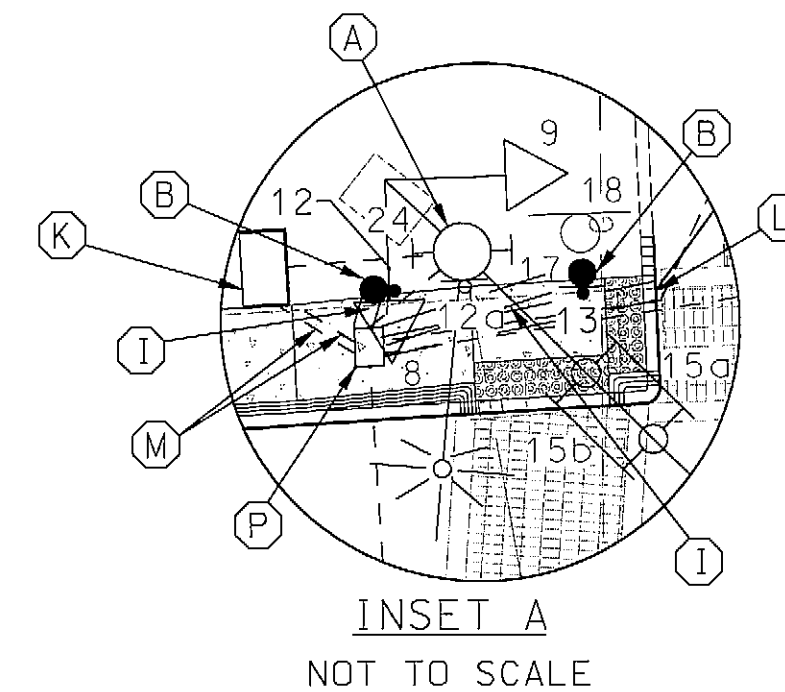
EXISTING LED SIGNALS  
TO REMAIN



NEMA PHASING



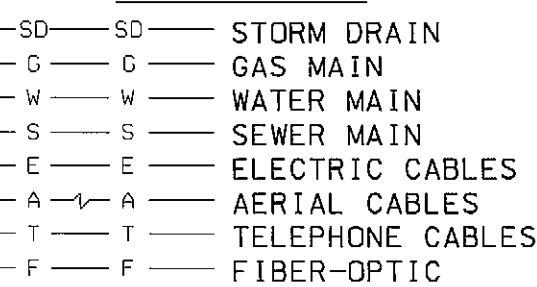
NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. REMOVE PUSHBUTTON AND SIGN FROM EXISTING MAST ARM POLE. REMOVE UNUSED CABLES. PLUG UNUSED HOLES.
- B. INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. FOUNDATION SHALL BE INSTALLED FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801-01.01 FOR FOUNDATION DETAILS. CUT, CLEAN, GALVANIZE, AND CAP TRAFFIC SIGNAL STRUCTURE.
- C. REMOVE PUSHBUTTON FROM EXISTING PEDESTAL POLE. INSTALL APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING CABLES. PLUG UNUSED HOLES.
- D. INSTALL APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK) ON EXISTING PEDESTAL POLE.
- E. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- F. INSTALL GROUND MOUNTED SIGN ON 2-4 INCH X 6 INCH WOOD SIGN SUPPORT (DRILLED). (PAID FOR AS 4 INCH BY 4 INCH WOOD SIGN SUPPORT).
- G. INSTALL 24 INCH WHITE PERMANENT PERFORMED THERMOPLASTIC MARKING LINE. (PAID FOR AS 2 - 12 INCH WHITE PERMANENT PERFORMED THERMOPLASTIC MARKING LINE).
- H. REMOVE EXISTING PAVEMENT MARKINGS.
- I. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- J. USE EXISTING HANDHOLE.
- K. USE EXISTING CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT (INCIDENTAL TO APS PUSHBUTTON ITEM).
- L. INSTALL 1 INCH SCHEDULE 40 RIGID GALVANIZED STEEL CONDUIT (FOR DETECTOR SLEEVE).
- M. USE EXISTING CONDUIT.
- N. INSTALL 6'X30' QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING (3-6-3 WINDING) AND SPLICE TO EXISTING 2-C ALUMINUM SHIELDED CABLE IN HANDHOLE. LOOP SHALL BE INSTALLED 1 FT. BEHIND PROPOSED STOP LINE.
- O. ABANDON EXISTING LOOP DETECTOR.
- P. USE EXISTING HANDHOLE. ADJUST TO FINAL SIDEWALK GRADE.

GEOMETRIC LEGEND



**RK&K**  
Rummel, Klepper & Kahl, LLP  
81 MOSHER STREET | BALTIMORE, MD 21217  
PH: (410) 728-2890 FAX: (410) 728-3180  
Engineers Construction Managers Planners Scientists  
www.rkk.com

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

6 INSTALL APS/CPS AND VIDEO DETECTION SHA NO. X1515133, TMS NO. 1650 WFR 8/1/12

F ADD PED. SIGNALS FOR THE EAST AND NORTH LEGS 08-1998

WM DJD BEK TH

AS BUILT 10-1997

E SHA NO. AW 103-501-485

RRZ

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 166 (ROLLING ROAD) AT  
BLOOMSBURY AVENUE  
CATONSVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 01-23-1973 CONTRACT NO. 23855T250776

DESIGNED BY COUNTY BALTIMORE

DRAWN BY W.R.SMITH LOGMILE 03016601.74

CHECKED BY W.MELZER TMS NO.

FAP NO. TOD NO.

TS NO. 32076 DRAWING SP-3 OF 4 SHEET NO. 3 OF 6